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| 1. Record Nr. | UNINA9910788728803321 |
| Autore | Tarkoma Sasu |
| Titolo | Overlay networks : toward information networking // Sasu Tarkoma |
| Pubbl/distr/stampa | Boca Raton : , : Auerbach Publications, , 2010 |
| ISBN | 0-429-07537-5 1-4398-1373-6 |
| Descrizione fisica | 1 online resource (262 p.) |
| Classificazione | ST 200 |
| Disciplina | 004.6/52 |
| Soggetti | Information networks Peer-to-peer architecture (Computer networks) Electronic data processing - Distributed processing Multimedia communications |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | "An Auerbach book." |
| Nota di bibliografia | Includes bibliographical references and index. |
| Nota di contenuto | Front cover; Contents; Preface; About the Author; Chapter 1. Introduction; Chapter 2. Network Technologies; Chapter 3. Properties of Networks and Data; Chapter 4. Unstructured Overlays; Chapter 5. Foundations of Structured Overlays; Chapter 6. Distributed Hash Tables; Chapter 7. Probabilistic Algorithms; Chapter 8. Content-based Networking and Publish/Subscribe; Chapter 9. Security; Chapter 10. Applications; Chapter 11. Conclusions; References; Index; Back cover |
| Sommario/riassunto | With their ability to solve problems in massive information distribution and processing, while keeping scaling costs low, overlay systems represent a rapidly growing area of R&D with important implications for the evolution of Internet architecture. Inspired by the author's articles on content based routing, <i>Overlay Networks: Toward Information Networking</i> provides a complete introduction to overlay networks. Examining what they are and what kind of structures they require, the text covers the key structures, protocols, and algorithms used in overlay networks. It reviews the current state of th |